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☐ 1. Document ID: US 20090015256 A1

L93: Entry 1 of 17

File: PGPB

Jan 15, 2009

PGPUB-DOCUMENT-NUMBER: 20090015256

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20090015256 A1

TITLE: Optimized MRI strip array detectors and apparatus, systems and methods related thereto

PUBLICATION-DATE: January 15, 2009

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bottomley; Paul A.	Columbia	MD	US
Kumar; Ananda	Baltimore	MD	US

APPL-NO: 11/807108    [PALM]    [eDan]    [US Family]

DATE FILED: May 24, 2007

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 2. Document ID: US 20080278166 A1

L93: Entry 2 of 17

File: PGPB

Nov 13, 2008

PGPUB-DOCUMENT-NUMBER: 20080278166  
PGPUB-FILING-TYPE:  
DOCUMENT-IDENTIFIER: US 20080278166 A1

TITLE: Superconducting Loop, Saddle and Birdcage Mri Coils

PUBLICATION-DATE: November 13, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wosik; Jaroslaw	Houston	TX	US
Nesteruk; Krzysztof	Warsaw	TX	PL
Xie; Lei Ming P	Houston		US

APPL-NO: 10/583625    [PALM]    [eDan]    [US Family]  
DATE FILED: May 20, 2005

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 3. Document ID: US 20080180101 A1

L93: Entry 3 of 17

File: PGPB

Jul 31, 2008

PGPUB-DOCUMENT-NUMBER: 20080180101  
PGPUB-FILING-TYPE:  
DOCUMENT-IDENTIFIER: US 20080180101 A1

TITLE: MULTI-CHANNEL MAGNETIC RESONANCE COIL

PUBLICATION-DATE: July 31, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bradshaw; Kenneth M.	Chaska	MN	US
Jones; Michael S.	Saint Paul	MN	US
Holwell; Joshua J.	Plymouth	MN	US
Schillak; Scott M.	Minneapolis	MN	US
Waks; Matthew T.	Coon Rapids	MN	US
Watson; Mark A.	Savage	MN	US
Tramm; Brandon J.	Minnetonka	MN	US
Petropoulos; Labros L.	Auburn	OH	US

APPL-NO: 11/943229    [PALM]    [eDan]    [US Family]

DATE FILED: November 20, 2007

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc
						Image

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☐ 4. Document ID: US 20080174314 A1

L93: Entry 4 of 17

File: PGPB

Jul 24, 2008

PGPUB-DOCUMENT-NUMBER: 20080174314

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080174314 A1

TITLE: MULTI-CHANNEL COIL FOR MAGNETIC RESONANCE IMAGING

PUBLICATION-DATE: July 24, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Holwell; Joshua J.	Plymouth	MN	US
Schillak; Scott M.	Minneapolis	MN	US
Bradshaw; Kenneth M.	Chaska	MN	US
Tramm; Brandon J.	Eden Prairie	MN	US

Petropoulos; Labros L.

Auburn

OH

US

APPL-NO: 11/943238 [PALM] [eDan] [US Family]

DATE FILED: November 20, 2007

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 5. Document ID: US 20080129298 A1

L93: Entry 5 of 17

File: PGPB

Jun 5, 2008

PGPUB-DOCUMENT-NUMBER: 20080129298

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080129298 A1

TITLE: High field magnetic resonance

PUBLICATION-DATE: June 5, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Vaughan; J. Thomas	Stillwater	MN	US
Moortele; Pierre-Francois Van de	Minneapolis	MN	US
DelaBarre; Lance	St. Anthony	MN	US
Olson; Christopher C.	St. Paul	MN	US
Orser; Heather	St. Paul	MN	US
Gopinath; Anand	St. Paul	MN	US
Ugurbil; Kamil	Minneapolis	MN	US
Snyder; Carl	Minneapolis	MN	US
Adriany; Gregor	Minneapolis	MN	US
Akgun; Can E.	Woodbury	MN	US
Tian; Jinfeng	Minneapolis	MN	US
Strupp; John	Coon Rapids	MN	US
Andersen; Peter M.	Maple Plain	MN	US

Wu; Xiaoping

St. Paul

MN

US

APPL-NO: 11/707560 [PALM] [eDan] [US Family]

DATE FILED: February 17, 2007

US-CL-CURRENT: 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 6. Document ID: US 20060158188 A1

L93: Entry 6 of 17

File: PGPB

Jul 20, 2006

PGPUB-DOCUMENT-NUMBER: 20060158188

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060158188 A1

TITLE: NMR RF coils with improved low-frequency efficiency

PUBLICATION-DATE: July 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hudson; Alexander MJ	San Francisco	CA	US
Mehr; Knut G.	San Francisco	CA	US

APPL-NO: 11/037627 [PALM] [eDan] [US Family]

DATE FILED: January 18, 2005

US-CL-CURRENT: 324/318; 324/303, 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 7. Document ID: US 20050230614 A1

L93: Entry 7 of 17

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050230614  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050230614 A1

TITLE: Mass spectrometry system for continuous control of environment

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Glukhoy, Yuri	Irwin	PA	US

APPL-NO: 10/826610    [PALM]    [eDan]    [US Family]  
DATE FILED: April 19, 2004

US-CL-CURRENT: 250/287

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 8. Document ID: US 20050189484 A1

L93: Entry 8 of 17

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050189484  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050189484 A1

TITLE: Aerosol mass spectrometer for operation in a high-duty mode and method of mass-spectrometry

PUBLICATION-DATE: September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Glukhoy, Yuri	Irwin	PA	US

APPL-NO: 10/789555 [PALM] [eDan] [US Family]

DATE FILED: February 28, 2004

US-CL-CURRENT: 250/287

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 9. Document ID: US 20040021467 A1

L93: Entry 9 of 17

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040021467

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040021467 A1

TITLE: Magnetic resonance tomography apparatus with vacuum cast or vacuum die cast body coil

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Eberler, Ludwig	Postbauer-Heng		DE
Eberler, Michael	Postbauer-Heng		DE
Kolbeck, Thomas	Kalchreuth		DE

APPL-NO: 10/428228 [PALM] [eDan] [US Family]

DATE FILED: May 2, 2003

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 10. Document ID: US 7148472 B2

L93: Entry 10 of 17

File: USPT

Dec 12, 2006

US-PAT-NO: 7148472

DOCUMENT-IDENTIFIER: US 7148472 B2

TITLE: Aerosol mass spectrometer for operation in a high-duty mode and  
method of mass-spectrometry

DATE-ISSUED: December 12, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050189484 A1

September 1, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Glukhoy; Yuri

Irwin

PA

US

APPL-NO: 10/789555 [PALM] [eDan] [US Family]

DATE FILED: February 28, 2004

US-CL-CURRENT: 250/287; 250/282, 250/288

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

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☐ 11. Document ID: US 7132829 B2

L93: Entry 11 of 17

File: USPT

Nov 7, 2006

US-PAT-NO: 7132829

DOCUMENT-IDENTIFIER: US 7132829 B2

TITLE: NMR RF coils with improved low-frequency efficiency

DATE-ISSUED: November 7, 2006



## PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060158188 A1

July 20, 2006

## INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Hudson; Alexander M J

San Francisco

CA

US

Mehr; Knut G.

San Francisco

CA

US

APPL-NO: 11/037627 [PALM] [eDan] [US Family]

DATE FILED: January 18, 2005

US-CL-CURRENT: 324/318; 324/307, 324/322

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

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☐ 12. Document ID: US 7071466 B2

L93: Entry 12 of 17

File: USPT

Jul 4, 2006

US-PAT-NO: 7071466

DOCUMENT-IDENTIFIER: US 7071466 B2

TITLE: Mass spectrometry system for continuous control of environment

DATE-ISSUED: July 4, 2006

## PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050230614 A1

October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Glukhoy; Yuri	Irwin	PA		US
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APPL-NO: 10/826610 [PALM] [eDanl] [US Family]

DATE FILED: April 19, 2004

US-CL-CURRENT: 250/287; 250/294, 250/305, 250/396R

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 13. Document ID: US 7064549 B1

L93: Entry 13 of 17

File: USPT

Jun 20, 2006

US-PAT-NO: 7064549

DOCUMENT-IDENTIFIER: US 7064549 B1

TITLE: NMR RF coils with split movable capacitance bands

DATE-ISSUED: June 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Hudson; Alexander M J	San Francisco	CA		US
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APPL-NO: 11/037605 [PALM] [eDanl] [US Family]

DATE FILED: January 18, 2005

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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☐ 14. Document ID: US 6825665 B2

L93: Entry 14 of 17

File: USPT

Nov 30, 2004

US-PAT-NO: 6825665

DOCUMENT-IDENTIFIER: US 6825665 B2

TITLE: Magnetic resonance tomography apparatus with vacuum cast or vacuum die cast body coil

DATE-ISSUED: November 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eberler; Ludwig	Postbauer-Heng			DE
Eberler; Michael	Postbauer-Heng			DE
Kolbeck; Thomas	Kalchreuth			DE

APPL-NO: 10/428228 [PALM] [eDan] [US Family]

DATE FILED: May 2, 2003

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

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☐ 15. Document ID: US 6029082 A

L93: Entry 15 of 17

File: USPT

Feb 22, 2000

US-PAT-NO: 6029082

DOCUMENT-IDENTIFIER: US 6029082 A

TITLE: Less-claustrophobic, quadrature, radio-frequency head coil for nuclear magnetic resonance

DATE-ISSUED: February 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond Heights	OH		
Liu; Haiying	Minneapolis	MN		
Elek; Robert A.	Chardon	OH		

APPL-NO: 08/976857    [PALM]    [eDan]    [US Family]

DATE FILED: November 24, 1997

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc
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☐ 16. Document ID: US 5664568 A

L93: Entry 16 of 17

File: USPT

Sep 9, 1997

US-PAT-NO: 5664568

DOCUMENT-IDENTIFIER: US 5664568 A

TITLE: Split-top, neck and head vascular array for magnetic resonance  
imaging

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Srinivasan; Ravi	Richmond <u>Hts.</u>	OH		
Henderson; Robert G.	Wickliffe	OH		
Elek; Robert A.	Chardon	OH		

APPL-NO: 08/512722    [PALM]    [eDan]    [US Family]

DATE FILED: August 8, 1995

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 17. Document ID: US 5592087 A

L93: Entry 17 of 17

File: USPT

Jan 7, 1997

US-PAT-NO: 5592087

DOCUMENT-IDENTIFIER: US 5592087 A

TITLE: Low eddy current radio frequency shield for magnetic resonance imaging

DATE-ISSUED: January 7, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Richard; Mark A.	Cleveland Heights	OH		
Zou; Xueming	Chesterland	OH		
Morich; Michael A.	Mentor	OH		

APPL-NO: 08/379979 [PALM] [eDan] [US Family]

DATE FILED: January 27, 1995

US-CL-CURRENT: 324/318; 324/319, 324/322

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

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Term	Documents
APERATURE	7819
APERATURES	3387

OPENING	4481730
OPENINGS	1520431
GAP	1459608
GAPS	424992
OPENNING	282
OPENNINGS	37
SPACE	4149812
SPACES	691715
ENCLOSURE	362799
(L92 and ((aperature or opening or gap or openning or space or enclosure or housing or tube or cylinder) same ((animal or specim\$1n) or rat or mouse or mice or bird or dog or cat or subject or object or patient or child or human or examinee))). PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	17

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